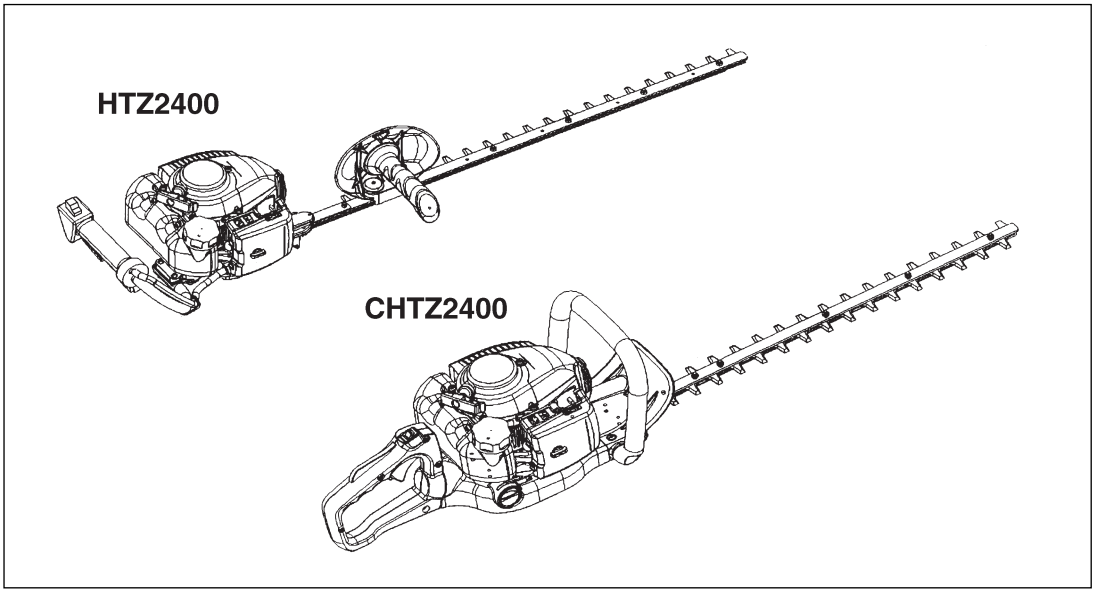
848-D3G-93A1 (501)

RedMax®

OWNER/OPERATOR MANUAL

HEDGE-TRIMMERS

HTZ2400
CHTZ2400



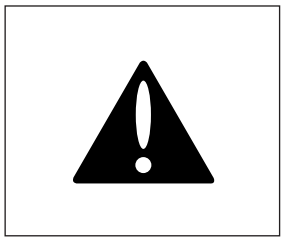
⚠ WARNING ⚠

The engine exhaust from this product contains chemicals known to the State of California to cause cancer, birth defects or other reproductive harm.

Thank you for purchasing a RedMax product.

Before using our hedge-trimmers, please read this manual carefully to understand the proper use of your unit.

APPLICABLE SERIAL NUMBERS : 40100101 and up



⚠ SAFETY FIRST

Instructions contained in warnings within this manual marked with a ⚠ symbol concern critical points which must be taken into consideration to prevent possible serious bodily injury, and for this reason you are requested to read all such instructions carefully and follow them without fail.

■ WARNINGS IN THE MANUAL

⚠WARNING

This mark indicates instructions which must be followed in order to prevent accidents which could lead to serious bodily injury or death.

IMPORTANT

This mark indicates instructions which must be followed, or it leads to mechanical failure, breakdown, or damage.

NOTE

This mark indicates hints or directions useful in the use of the product.

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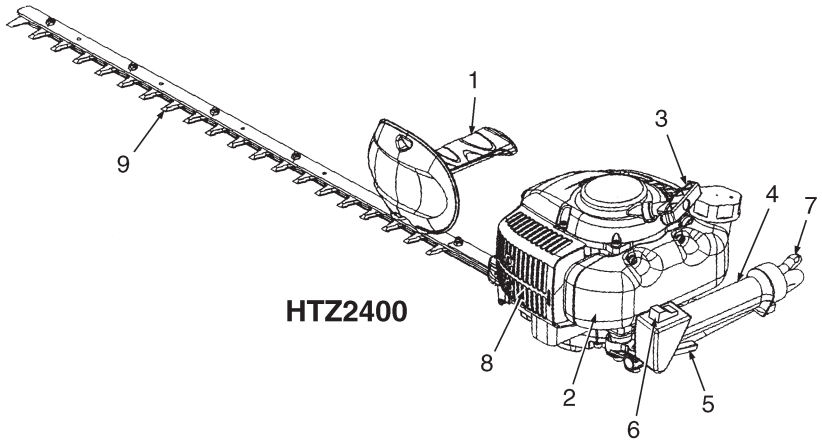
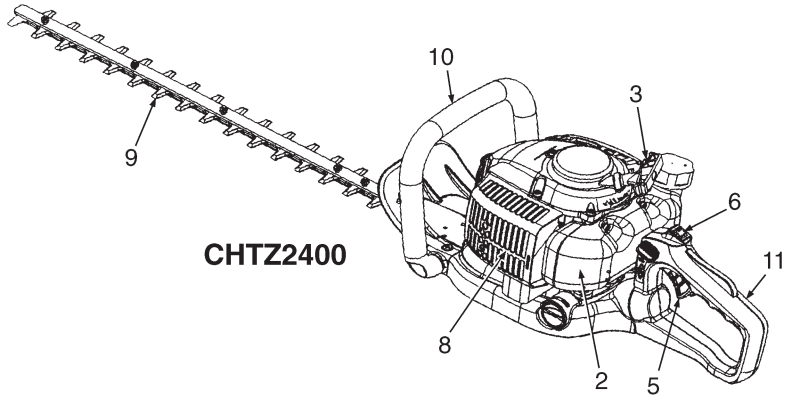
1. Parts location



HTZ2400



CHTZ2400

1. Right handle
2. Fuel tank
3. Starter
4. Left handle
5. Throttle lever
6. Ignition switch
7. Throttle Cable
8. Muffler
9. Blade
10. Front handle
11. Rear handle

2. Specifications

Engine Type ····· Air-cooled 2-stroke gasoline
- Model ····· Zenoah GZ23N
- Displacement ····· 1.44cu-in (23.6cm^3)
- Max. output ····· 1.09Hp (0.8kW)at 8000/min^{-1}(rpm)
- Idle speed ····· 3000 ± 200/min^{-1}(rpm)
- Fuel ····· Mixture (Gasoline 50 : Oil 1) ❊
- Carburetor ····· Walbro Diaphragm type
- Spark plug ····· CHAMPION RZ7C

Fuel tank capacity ····· 15.9 fl.oz (0.47ℓ)
Durability period ····· 300hrs.

❊ Oil : RedMax genuine oil or JASO FC GRADE OIL or ISO EGC GRADE

■ HTZ2400 / HTZ2400L

Type ····· Reciprocating single-sided dual blades
Blade size
- HTZ2400 ····· 750 (mm) / 30 (in)
- HTZ2400L ····· 1080 (mm) / 42.5 (in)

Blade pitch ····· 35 (mm) / 1.38 (in)
Dry weight
- HTZ2400 ····· 5.5 (kg) / 12.1 (lbs)
- HTZ2400L ····· 6.0 (kg) / 13.2 (lbs)

Transmission ····· Centrifugal clutch, Cam-crank
Reduction ratio ····· 5.11

■ CHTZ2400 / CHTZ2400L

Type ····· Reciprocating double-sided dual blades
Blade size
- CHTZ2400 ····· 600 (mm) / 24 (in)
- CHTZ2400L ····· 750 (mm) / 30 (in)

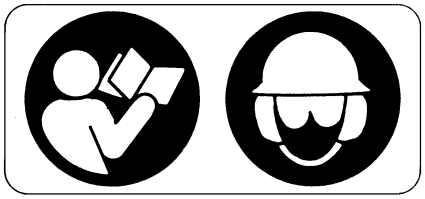
Blade pitch ····· 35 (mm) / 1.38 (in)
Dry weight
- CHTZ2400 ····· 5.7 (kg) / 12.6 (lbs)
- CHTZ2400L ····· 5.9 (kg) / 13.0 (lbs)

Transmission ····· Centrifugal clutch, Cam-crank
Reduction ratio ····· 5.11

Specifications are subject to change without notice.

3. Warning labels on the machine

(1) (2)



(1) Read owner's manual before operating this machine.
(2) Wear head, eye and ear protection.

IMPORTANT

If warning label peel off or become soiled and impossible to read, you should contact the dealer from which you purchased the product to order new labels and affix them in the required location(s).

WARNING

Never modify your machine.
We won't warrant the machine, if you use the remodeled hedge-trimmer or you don't observe the proper usage written in the manual.

4. Symbols on the machine

For safe operation and maintenance, symbols are carved in relief on the machine. According to these indications, please be careful not to make a mistake.

(a) The port to refuel the "MIX GASOLINE"
Position: FUEL TANK CAP

(b) The direction to close the choke
Position: AIR CLEANER COVER

(c) The direction to open the choke
Position: AIR CLEANER COVER

IMPORTANT ENGINE INFORMATION
THIS ENGINE MEETS U.S. EPA PH2 EMISSION REGULATIONS FOR SI SORE's.
COMPLIANCE PERIOD : CATEGORY A
ENGINE FAMILY : 5KZXS. 0236JK ; EM
ENGINE DISPLACEMENT : 24cc
REFER TO OWNER'S MANUAL FOR MAINTENANCE SPECIFICATIONS AND ADJUSTMENTS.

KOMATSU ZENOAH CO. MADE IN JAPAN
RedMax® Use RedMax 50:1 Oil !

INFORMATION IMPORTANTE CONCERNANT LE MOTEUR
CE MOTEUR EST CONFORME AUX REGLEMENTATIONS D'EMISSIONS EPA PH2 DES ETATS-UNIS POUR LA PERIODE DE CONFORMITE DE SI SORE : CATEGORIE A
TYPE DE MOTEUR : 5KZXS. 0236JK ; EM
CYLINDREE DU MOTEUR : 24cc
SE REPORTER AU MODE D'EMPLOI POUR LES CARACTERISTIQUES DE LA MAINTENANCE ET LES REGLAGES.

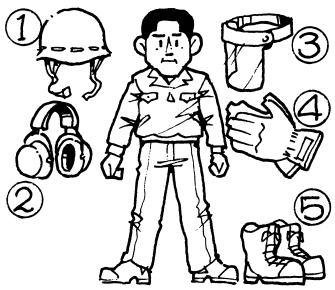
KOMATSU ZENOAH CO. MADE IN JAPAN
RedMax® Use RedMax 50:1 Oil !

⚠ 5. For safe operation

1. Read this manual carefully until you completely understand and follow all safety and operating instructions.
2. Keep this manual handy so that you may refer to it later whenever any questions arise. Also note, if you have any questions which cannot be answered herein, contact the dealer from whom you purchased the product.
3. Always be sure to include this manual when selling, lending, or otherwise transferring the ownership of this product.
4. Never allow children or anyone unable to fully understand the directions given in the manual to use the machine.

■ WORKING CONDITION

1. When using the product, you should wear proper clothing and protective equipment.

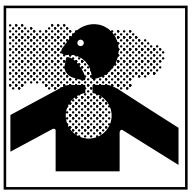


(1) Helmet
(2) Ear protectors
(3) Protection goggles or face protector
(4) Thick work gloves
(5) Non-slip-sole work boots

2. And you should carry with you.
   (1) Attached tools
   (2) Properly reserved fuel
   (3) Spare blade
   (4) Things to notify your working area (rope, warning signs)
   (5) Whistle (for collaboration or emergency)
   (6) Hatchet or saw (for removal of obstacles)

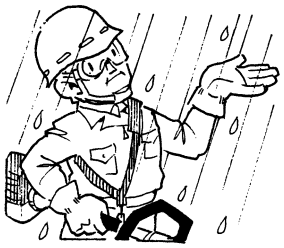
3. Do not wear loose clothing, jewelry, short trousers, sandals, or go barefoot. Do not wear anything which might be caught by a moving part of the unit. Secure hair so it is above shoulder length.

■ WORKING CIRCUMSTANCE



1. Never start the engine inside a closed room or building. Exhaust gases contain dangerous carbon monoxide.
2. Never use the product,
   a. when the ground is slippery or when you can't maintain a steady posture.

⚠ 5. For safe operation



b. At night, at times of heavy fog, or at any other times when your field of vision might be limited and it would be difficult to gain a clear view of the working area.
c. During rain storms, during lightning storms, at times of strong or gale-force winds, or at any other times when weather conditions might make it unsafe to use the product.

■ WORKING PLAN

1. You should never use the product when under the influence of alcohol, when suffering from exhaustion or lack of sleep, when suffering from drowsiness as a result of having taken cold medicine or at any other time when a possibility exists that your judgment might be impaired or that you might not be able to operate the product properly and in a safe manner.
2. When planning your work schedule, allow plenty of time to rest. Limit the amount of time over which the product is to be used continuously to somewhere around 30~40 minutes per session, and take 10~20 minutes of rest between work sessions. Also try to keep the total amount of work performed in a single day under 2 hours or less.

⚠WARNING

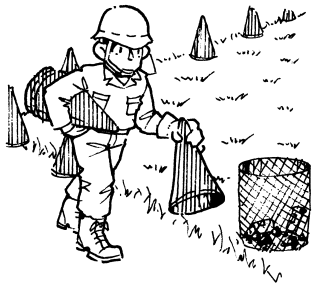
1. If you don't observe the working time, or working manner (See ■USING THE PRODUCT), Repetitive Stress Injury(RSI) could occur.
If you feel discomfort, redness and swelling of your fingers or any other part of your body, see a doctor before getting worse.

2. To avoid noise complaints, in general, operate product between 8a.m. and 5p.m. on weekdays and 9a.m. to 5p.m. weekends.

NOTE

Check and follow the local regulations as to sound level and hours of operations for the product.

⚠ 5. For safe operation



■ BEFORE STARTING THE ENGINE

1. The area within a perimeter of 50 feet (15m) of the person using the product should be considered a hazardous area into which no one should enter. If necessary yellow warning rope, warning signs should be placed around the perimeter of the area. When work is to be performed simultaneously by two or more persons, care should also be taken to constantly look around or otherwise check for the presence and locations of other people working so as to maintain a distance between each person sufficient to ensure safety.
2. Check the condition of working area to avoid any accident by hitting hidden obstacles such as stumps, stones, cans, or broken grass.

❗ IMPORTANT

Remove any obstacle before beginning work.

3. Inspect the entire unit for loose fasteners and fuel leakage. Make sure that the cutting attachment is properly installed and securely fastened.

■ STARTING THE ENGINE

1. Keep bystanders and animals at least 50feet (15m) away from the operating point. If you are approached, immediately stop the engine.
2. The product is equipped with a centrifugal clutch mechanism, so the cutting attachment begins to rotate as soon as the engine is started by putting the throttle into the start position. When starting the engine, place the product onto the ground in a flat clear area and hold it firmly in place so as to ensure that neither the cutting part nor the throttle come into contact with any obstacle when the engine starts.

⚠WARNING

Never place the throttle into the high speed position when starting the engine.

3. After starting the engine, check to make sure that the cutting attachment stops rotating when the throttle is moved fully back to its original position. If it continues to rotate even after the throttle has been moved fully back, turn off the engine and take the unit to your authorized Red Max servicing dealer for repair.

■ USING THE PRODUCT

❗ IMPORTANT

Cut only materials recommended by the manufacturer. And use only for tasks explained in the manual.

1. Grip the handles firmly with both hands using your whole hand. Place your feet slightly apart (slightly further apart than the width of your shoulders) so that your weight is distributed evenly across both legs, and always be sure to maintain a steady, even posture while working.
2. Maintain the speed of the engine at the level required to perform cutting work, and never raise the speed of the engine above the level necessary.
3. If the unit start to shake or vibrate, turn off the engine and check the whole unit. Do not use it until the trouble has been properly corrected.
4. Keep all parts of your body away from rotating cutting attachment and hot surfaces.
5. Never touch the muffler, spark plug, or other metallic parts of the engine while the engine is in operation or immediately after shutting down the engine. Doing so could result in serious burns or electrical shock.

⚠ 5. For safe operation

- **IF SOMEONE COMES**

1. Guard against hazardous situations at all times. Warn adults to keep pets and children away from the area. Be careful if you are approached. Injury may result from flying debris.
2. If someone calls out or otherwise interrupts you while working, always be sure to turn off the engine before turning around.

■ **MAINTENANCE**

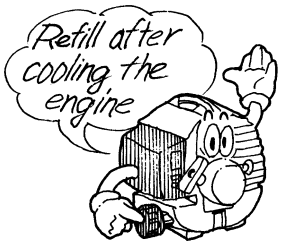
1. In order to maintain your product in proper working order, perform the maintenance and checking operations described in the manual at regular intervals.
2. Always be sure to turn off the engine before performing any maintenance or checking procedures.

⚠WARNING

The metallic parts reach high temperatures immediately after stopping the engine.

3. When replacing the cutting attachment or any other part, or when replacing the oil or any lubricant, always be sure to **use only RedMax products or products which have been certified by RedMax for use with the RedMax product**.
4. In the event that any part must be replaced or any maintenance or repair work not described in this manual must be performed, please contact a representative from the store nearest RedMax authorized servicing dealer for assistance.
5. Do not use any accessory or attachment other than those bearing the RedMax mark and recommended for the unit.
6. Under no circumstances should you ever take apart the product or alter it in any way. Doing so might result in the product becoming damaged during operation or the product becoming unable to operate properly.

⚠ 5. For safe operation



■ HANDLING FUEL

1. The engine of the RedMax product is designed to run on a mixed fuel which contains highly flammable gasoline. Never store cans of fuel or refill the tank of the unit in any place where there is a boiler, stove, wood fire, electrical sparks, welding sparks, or any other source of heat or fire which might ignite the fuel.
2. Never smoke while operating the unit or refilling its fuel tank.
3. When refilling the tank, always turn off the engine and allow it to cool down. Take a careful look around to make sure that there are no sparks or open flames anywhere nearby before refueling.
4. Wipe spilled fuel completely using a dry rag if any fuel spillage occurs during refueling.
5. After refueling, screw the fuel cap back tightly onto the fuel tank and then carry the unit to a spot 10feet (3m) or more away from where it was refueled before turning on the engine.

■ TRANSPORTATION

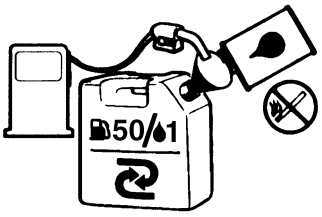
1. When hand-carrying the product, cover over the cutting part if necessary, lift up the product and carry it paying attention to the blade.
2. Never transport the product over rough roads over long distances by vehicle without removing all fuel from the fuel tank. If doing so, fuel might leak from the tank during transport.

6. Fuel

⚠WARNING

- **Gasoline is very flammable. Avoid smoking or bringing any flame or sparks near fuel. Make sure to stop the engine and allow it cool before refueling the unit. Select outdoor bare ground for fueling and move at least 3m (10ft) away from the fueling point before starting the engine.**

- The RedMax engines are lubricated by oil specially formulated for air-cooled 2-cycle gasoline engine use. If RedMax oil is not available, use an anti-oxidant added quality oil expressly labeled for air-cooled 2-cycle engine use. (JASO FC GRADE OIL or ISO EGC GRADE)
- Do not use BIA or TCW (2-stroke water-cooling type) mixed oil.



■ RECOMMENDED MIXING RATIO GASOLINE 50:OIL 1

50:1 MIXING CHART

GASOLINE gal.	1	2	3	4	5
2-CYCLE OIL fl.oz	2.6	5.2	7.8	10.4	13

GASOLINE liter	1	2	3	4	5
2-CYCLE OIL ml	20	40	60	80	100

- **Exhaust emission are controlled by the fundamental engine parameters and components(eq., carburation, ignition timing and port timing) without addition of any major hardware or the introduction of an inert material during combustion.**
- These engines are certified to operate on unleaded gasoline.
- Make sure to use gasoline with a minimum octane number of 89 RON (USA/Canada: 87AL)
- If you use a gasoline of a lower octane value than prescribed, there is a danger that the engine temperature may rise and an engine problem such as piston seizing may consequently occur.
- Unleaded gasoline is recommended to reduce the contamination of the air for the sake of your health and the environment.
- Poor quality gasolines or oils may damage sealing rings, fuel lines or fuel tank of the engine.

■ HOW TO MIX FUEL

❗IMPORTANT

Pay attention to agitation.

1. Measure out the quantities of gasoline and oil to be mixed.
2. Put some of the gasoline into a clean, approved fuel container.
3. Pour in all of the oil and agitate well.
4. Pour In the rest of gasoline and agitate

again for at least one minute. As some oils may be difficult to agitate depending on oil ingredients, sufficient agitation is necessary for the engine to last long. Be careful that, if the agitation is insufficient, there is an increased danger of early piston seizing due to abnormally lean mixture.
5. Put a clear indication on the outside of the container to avoid mixing up with gasoline or other containers.
6. Indicate the contents on outside of container for easy identification.

■ **FUELING THE UNIT**

1. Untwist and remove the fuel cap. Rest the cap on a dustless place.
2. Put fuel into the fuel tank to 80% of the full capacity.
3. Fasten the fuel cap securely and wipe up any fuel spillage around the unit.

⚠WARNING

1. Select bare ground for fueling.
2. Move at least 10feet (3meters) away from the fueling point before starting the engine.
3. Stop the engine before refueling the unit. At that time, be sure to sufficiently agitate the mixed gasoline in the container.

FOR YOUR ENGINE LIFE, AVOID;

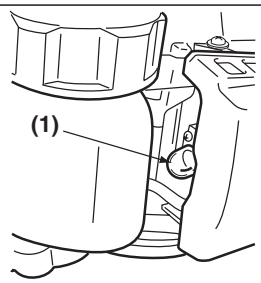
1. FUEL WITH NO OIL(RAW GASOLINE) – It will cause severe damage to the internal engine parts very quickly.
2. GASOHOL – It can cause deterioration of rubber and/or plastic parts and disruption of engine lubrication.
3. OIL FOR 4-CYCLE ENGINE USE – It can cause spark plug fouling, exhaust port blocking, or piston ring sticking.
4. **Mixed fuels which have been left unused for a period of one month or more** may clog the carburetor and result in the engine failing to operate properly.
5. In the case of storing the product for a long period of time, clean the fuel tank after rendering it empty. Next, activate the engine and empty the carburetor of the composite fuel.
6. In the case of scrapping the used mixed oil container, scrap it only at an authorized repository site.

NOTE

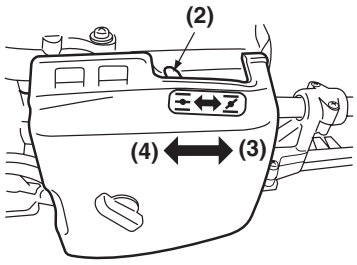
As lot details of quality assurance, read the description in the section Limited Warranty carefully. Moreover, normal wear and change in product with no functional influence are not covered by the warranty. Also, be careful that, if the usage in the instruction manual is not observed as to the mixed gasoline, etc. described therein, it may not be covered by the warranty.

7. Operation

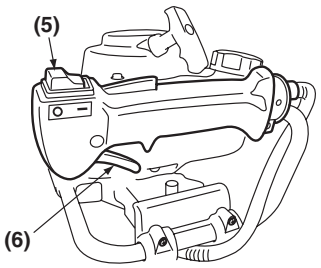
OP1



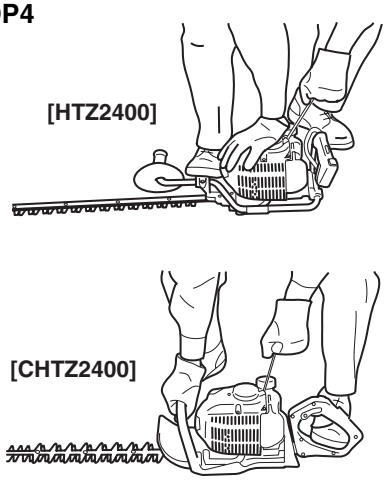
OP2



OP3



OP4



■ STARTING ENGINE

⚠WARNING

The cutting head will start rotating upon the engine starts.

1. Rest the unit on a flat, firm place. Keep the cutting head off the ground and clear of surrounding objects as it will start rotating upon starting of the engine.
2. Push the primer pump several times until overflown fuel flows out in the clear tube. (OP1)
3. Move the choke lever to the closed position. (OP2)
4. Set the ignition switch to the “START” position. (OP3)

(1) primer pump
(2) choke lever
(3) close
(4) open
(5) ignition switch
(6) throttle lever

5. Holding the hedge-trimmer down, pull the starting rope slowly until you meet resistance (OP4). Then operatel hard several times, and when the engine starts, wait for about 10 seconds and then pull the throttle lever (OP3(6)), the choke lever (OP2(2)) will return automatically to the original “OPEN” position.

⚠WARNING

Use the semi-acceleration device only in the phase of starting the engine.

❗IMPORTANT

- Avoid pulling the rope to its end or returning it by releasing the knob. Such actions can cause starter failures.

NOTE

1. When restarting the engine immediately after stopping it, leave the choke open.
2. Overchoking can make the engine hard to start due to excess fuel. When the engine failed to start after several attempts, open the choke and repeat pulling the rope, or remove the spark plug and dry it.

■ STOPPING ENGINE (OP3)

1. Release the throttle lever and run the engine for a half minute.
2. Shift the ignition switch to the “STOP” position.

IMPORTANT

- Except for an emergency, avoid stopping the engine while pulling the throttle lever.

IMPORTANT

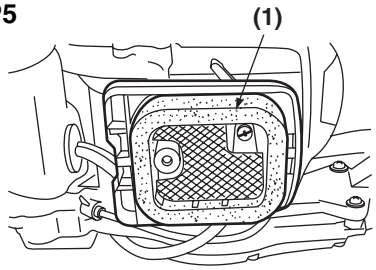
RUNNING IN THE ENGINE

- During the first 20 working hours, do not use the hedge-trimmer at maximum power for long periods.

■ ADJUSTING IDLING SPEED

- Before adjusting the carburetor, clean the air filter and warm up the engine. (OP5)

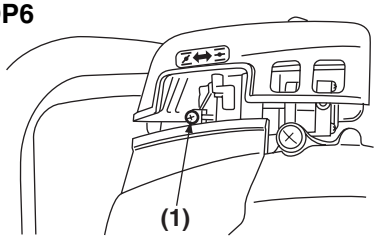
OP5



(1) air filter

- Idle screw is adjusted in order to ensure a good safety margin between idle running and clutch engagement. (OP6)

OP6



(1) Idle screw

WARNING

With the engine idling (3000 rpm), the blade should not rotate. We recommend that you have the dealer or an authorised mechanic carry out any carburetor adjustments.

⚠WARNING

- **Weather conditions and altitude may effect carburation.**
- **Do not allow anyone to stay close to the hedge-trimmer while working or while adjusting the carburetor.**

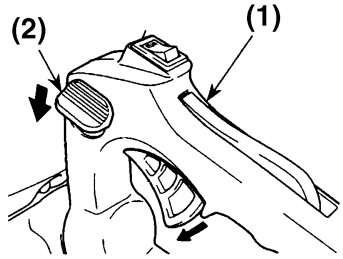
■ HOW TO USE

HANDLE (CHTZ2400 only)

To reduce fatigue when trimming hadges, the handle can be swivelled through 90° to the left or right. (OP7, OP8).

Do not press the throttle during this operation!

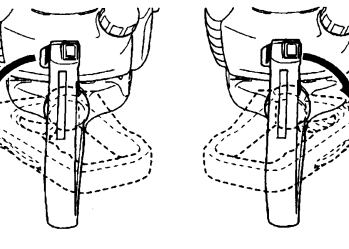
OP7



Proceed as follows:

1. Free the handle by pressing the locking lever; (OP7)
2. Turn the handle until the locking lever clicks into place;
3. When the handle is locked in its new position, you can apply the throttle again.

OP8

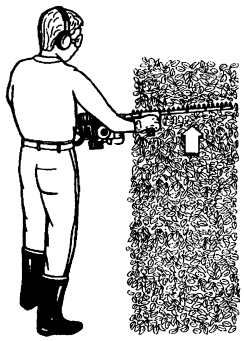


(1) handle
(2) locking lever

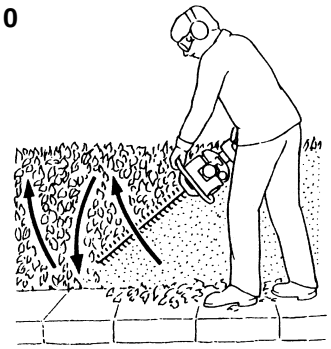
You can swivel the handle even with the engine idling because the hedge-trimmer is equipped with a blade brake that maintains the blades at a standstill.

7. Operation

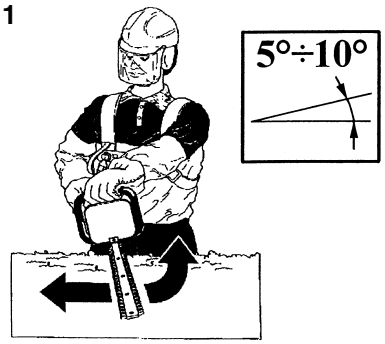
OP9



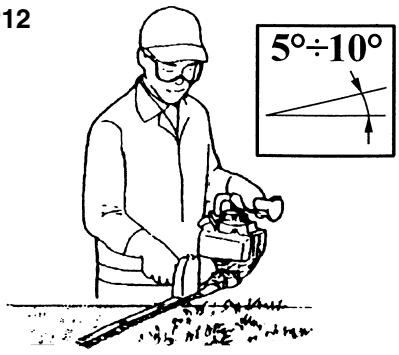
OP10



OP11



OP12



HEDGE TRIMMING TECHNIQUES

Trim sides of a hedge first, and then the top.

Vertical cut:

- With the single-sided blade hedge-trimmer, model HTZ2400 always cut from the bottom up (OP9). With the 2-sided blade model CHTZ2400 use an arcing cut from the bottom upwards, then downwards to use both sides of the blades (OP10).

Horizontal cut:

- In order to get the best cutting results, slightly tilt the blade (5÷10°) towards the cutting direction (OP11, OP12).
  Cut slowly, specially with thick hedges.

⚠ WARNING

Always follow the safety precautions.
The hedge-trimmer must only be used to trim hedges or small bushes. It is forbidden to cut other types of material. Do not use the hedge-trimmer as a lever to lift, move or break objects, nor lock it on fixed supports. It is forbidden to apply tools or applications that are not the ones indicated by the manufacturer onto the hedge-trimmer's power take-off. Do not use it for pruning trees or cutting grass.

8. Maintenance

Maintenance, replacement, or repair of the emission control device and systems may be performed by any non-road engine repair establishment or individual.

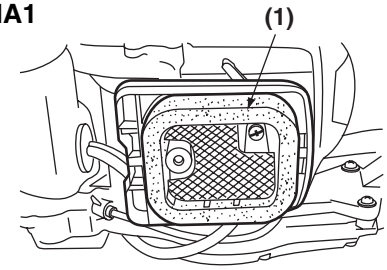
■ MAINTENANCE CHART

	system/compornent	procedure	before use	every 25 hours after	every 50 hours after	every 100 hours after	note
ENGINE	fuel leaks, fuel spillage	wipe out	✔				
	fuel tank, air filter, fuel filter	inspect/clean	✔	✔			replace, if necessary
	idle adjusting screw	see ■ADJUSTING IDLING SPEED (p.15)	✔				replace carburetor if necessary
	spark plug	clean and readjust plug gap			✔		GAP: .025in(0.6~0.7mm) replace, if necessary
	cylinder fins, intake air cooling vent	clean		✔			
	muffler, spark arrester, cylinder exhaust port	clean				✔	
SHAFT	throttle lever, ignition switch	check operation	✔				
	cutting parts	replace if something's wrong	✔				
	gear case	grease			✔		
	screws/nuts/bolts	tighten/replace	✔			✔	not adjusting screws
	blade guard	make sure to attach	✔				

⚠ WARNING

- **Make sure that the engine has stopped and is cool before performing any service to the machine. Contact with moving cutting head or hot muffler may result in a personal injury.**

MA1

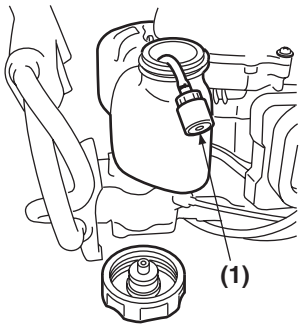


■ AIR FILTER

- The air filter, if clogged, will reduce the engine performance. Check and clean the filter element in warm, soapy water as required. Dry completely before installing. If the element is broken or shrunk, replace with a new one. (MA1)

(1) air filter

MA2

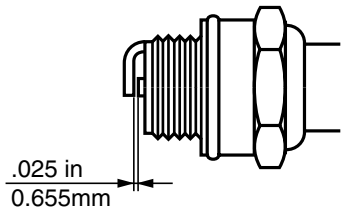


■ FUEL FILTER

- When the engine runs short of fuel supply, check the fuel cap and the fuel filter for blockage. (MA2)

(1) fuel filter

MA3



■ SPARK PLUG

- Starting failure and mis-firing are often caused by a fouled spark plug. Clean the spark plug and check that the plug gap is in the correct range. For a replacement plug, use the correct type specified by RedMax. (MA3)

- **REPLACEMENT PLUG IS CHAMPION RZ7C OR NGK CMR7H.**

❗ IMPORTANT

- Note that using any spark plug other than those designated may result in the engine failing to operate properly or in the engine becoming overheated and damaged.
- To install the spark plug, first turn the plug until it is finger tight, then tighten it a quarter turn more with a socket wrench.

TIGHTENING TORQUE: 87~104 in-lbs (9.8~11.8 N.m.)

■ **MUFFLER**

⚠WARNING

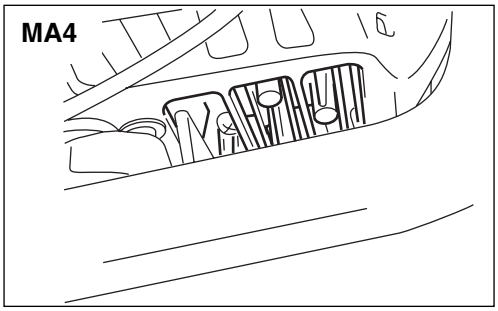
- Inspect periodically, the muffler for loose fasteners, any damage or corrosion. If any sign of exhaust leakage is found, stop using the machine and have it repaired immediately.
- **Note that failing to do so may result in the engine catching on fire.**

■ **INTAKE AIR COOLING VENT**

⚠WARNING

- **Never touch the cylinder, muffler, or spark plugs with your bare hands immediately after stopping the engine. The engine can become very hot when in operation, and doing so could result in severe burns.**

MA4



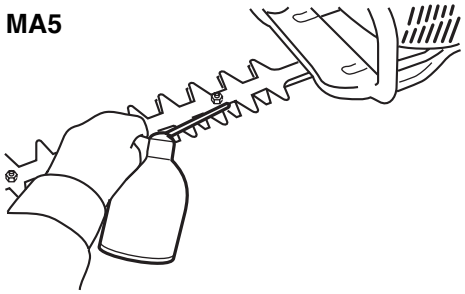
- Clean the cylinder fins with compressed air or a brush. (MA4)

❗IMPORTANT

- If waste gets stuck and causes blockage around the intake air cooling vent or between the cylinder fins, it may cause the engine to overheat, and that in turn may cause mechanical failure on the part of the hedge-trimmer.

8. Maintenance

MA5



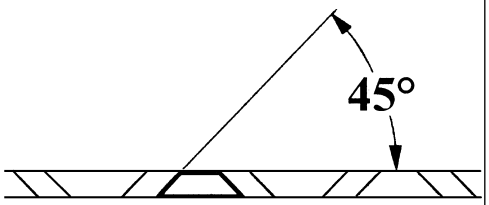
■ **BLADES**

Oil blades each gas tank filling (MA5).

⚠WARNING

- **Make sure that the blade bolts are well tightened.**
- **The blade assembly is designed to automatically compensate for any play between the blades.**

MA6



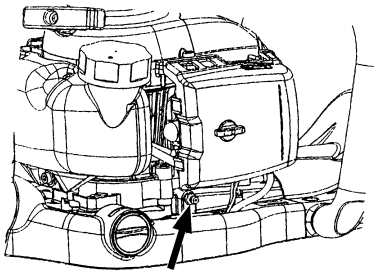
■ **SHARPENING** (MA6)

Always keep the file or sharpener at an angle of 45° to the blade, and:

- Always grind in the direction of the cutting edge;
- Note: files cut only in one direction; lift the file from the blade when returning to start a new pass;
- Remove all burr from the edge of the blade with a slip stone;
- Remove as little material as possible;
- Before refitting the sharpened blades, remove filings and then apply grease.

Do not try to sharpen a damaged blade: change it or take it to a Service dealer.

MA7



■ **REDUCTION GEARBOX**

Refill gear housing every 50 working hours (MA7). Use greese pump. Feed greese until it comes out of the base of blades.

■ **PROCEDURES TO BE PERFORMED AFTER EVERY 100 HOURS OF USE**

1. Tighten all screws, bolts, and fittings.
2. Check to see if any oil or grease has worked its way in between the clutch lining and drum, and if it has wipe it away using oil-free, lead-free gasoline.

9. Storage

- Oil the blade to prevent rust.
- Empty the fuel tank and put the cap back on.
- Remove the spark plug, pour a small amount of oil into the cylinder.
- Rotate the crankshaft several times using the starting rope in order to distribute the oil. Put the spark plug back in.
- Wrap the engine with a plastic sheet.
- Store the trimmer in a dry place, preferably not in direct contact with the floor and away from heat sources.

10. Troubleshooting guide

Case 1. Starting failure

CHECK		PROBABLE CAUSES		ACTION
fuel tank	→	incorrect fuel	→	drain it and with correct fuel
fuel filter	→	fuel filter is clogged	→	clean
carburetor adjustment screw	→	out of normal range	→	adjust to normal range
sparking (no spark)	→	spark plug is fouled/wet	→	clean/dry
	→	plug gap is incorrect	→	correct (GAP: 0.6~0.7mm)
spark plug	→	disconnected	→	retighten

Case 2. Engine starts but does not keep running/Hard re-starting.

CHECK		PROBABLE CAUSES		ACTION
fuel tank	→	incorrect fuel or staled fuel	→	drain it and with correct fuel
carburetor adjustment screw	→	out of normal range	→	adjust to normal range
muffler,cylinder (exhaust port)	→	carbon is built-up	→	wipe away
air cleaner	→	clogged with dust	→	wash
cylinder fin, fan cover	→	clogged with dust	→	clean

When your unit seems to need further service, please consult with our RedMax service shop in your area.

11. Parts list

HEDGE-TRIMMERS

HTZ2400
CHTZ2400

NOTE :

1. Use KOMATSU ZENOAH genuine parts as specified in the parts list for repair and/or replacement.
2. KOMATSU ZENOAH does not warrant the machines, which have been damaged by the use of any parts other than those specified by the company.
3. When placing parts orders for repair and/or replacement, check if the model name and the serial number are applicable to those specified in the parts list, then use parts number described in the parts list.
4. The contents described in the parts list may change due to improvement.
5. The parts for the machine shall be supplied seven (7) years after the machine is discontinued. [It is possible that some specific parts may be subject to change of their delivery term and list price within the limit of seven (7) years after the machine is discontinued. It is also possible that some parts may be available even after the limit of seven (7) years.]

September 2004

APPLICABLE SERIAL NUMBERS : 40100101 and up

11. Parts list

Fig.1 CUTTING UNIT HTZ2400 (S/N 40100101 and up)
HTZ2400-L (S/N 40100101 and up)

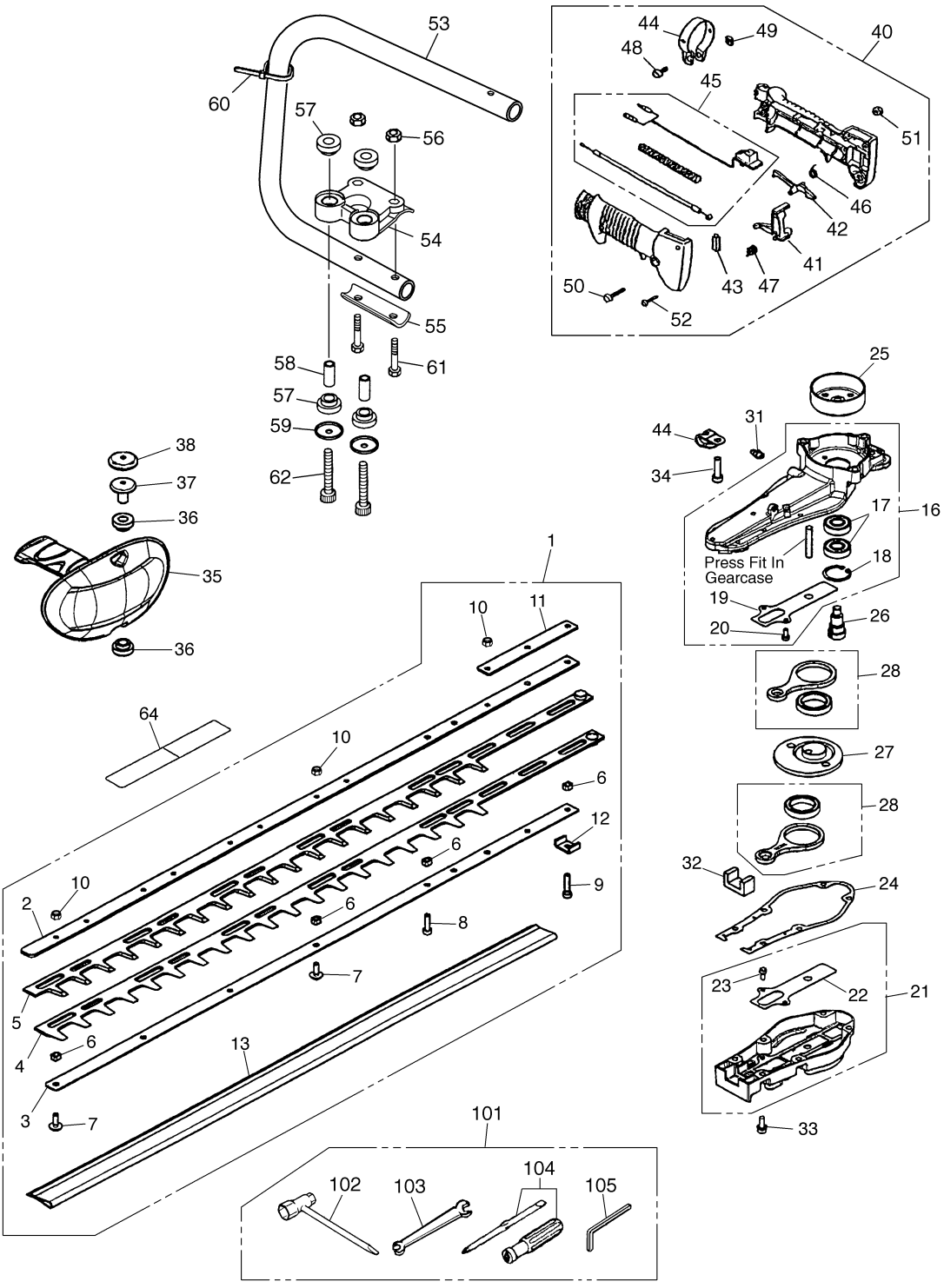


Fig.1 CUTTING UNIT HTZ2400 (S/N 40100101 and up)
HTZ2400-L (S/N 40100101 and up)

Key#	Part Number	Description	Q'ty
1	848-D3G-6500	BLADE ASS'Y	1
2	T4543-11110	• PLATE, upper	1
3	T4543-11120	• PLATE, lower	1
4	848-D3G-65A0	• BLADE, lower	1
5	848-D3G-65B0	• BLADE, upper	1
6	T4521-11311	• SPACER	9
7	T4520-11331	• SCREW	4
8	01252-30520	• BOLT	4
9	01252-30525	• BOLT	1
10	T4531-11350	• NUT	5
11	T4543-11410	• PLATE	1
12	848-D30-66E1	• BRACKET	1
13	T4543-11230	• COVER	1
16	848-D30-6111	GEARCASE COMP, upper	1
17	06004-06001	• BEARING	2
18	04065-02812	• RING	1
19	848-D30-61B0	• PLATE	1
20	T4543-42320	• BOLT	2
21	848-D30-6121	GEARCASE COMP, botom	1
22	848-D30-61B0	• PLATE	1
23	T4543-42320	• BOLT	2
24	T4543-21220	GASKET	1
25	848-D30-5111	DRUM	1
26	848-D30-62A0	GEAR, drive	1
27	T4543-42210	GEAR, driven	1
28	T4543-42100	ROD ASS'Y	2
31	3199-13350	FITTING	1
32	T4543-42410	FELT	1
33	3350-15250	BOLT	6
34	01252-30625	BOLT	3
35	T4503-31101	HANDLE-R COMP	1
36	848-D3G-32L0	SPACER	4
37	T4503-31220	HOLDER	2
38	T4503-31230	CAP	2
40	T4519-32100	LEVER-ASSY	1
41	1638-84130	• LEVER	1
42	1638-84140	• LEVER	1
43	6844-84150	• TOP	1
44	1638-84160	• CLAMP	1
45	T4519-13300	• CABLE COMP	1
46	1638-84170	• SPRING	1
47	1638-84180	• SPRING	1
48	0263-60620	• SCREW	1
49	1638-84190	• NUT	1
50	0260-60535	• SCREW	1
51	1638-84210	• NUT	1
52	1638-84220	• SCREW	1

Key#	Part Number	Description	Q'ty
53	T4519-32410	PIPE	1
54	T4519-32510	MOUNT	1
55	T4519-32520	PLATE	1
56	0280-10504	NUT	2
57	T4503-31210	ABSORBER	4
58	T4519-32220	COLLAR	2
59	T4503-32230	WASHER	2
60	08034-20414	BAND	1
61	01252-30530	BOLT	2
62	3540-13260	BOLT	2
63	1565-72311	CLAMP	1
64	848-D3G-91F0	LABEL	1
101	848-8U0-0010	TOOL SET	1
102	T4017-91130	• SOCKET	1
103	3540-91120	• SPANNER	1
104	1030-91340	• DRIVER	1
105	09007-00425	• WRENCH	1

HTZ2400-L

Key#	Part Number	Description	Q'ty
1	848-D3H-6500	BLADE ASS'Y	1
2	848-D3H-66A0	• PLATE, upper	1
3	848-D3H-66B0	• PLATE, lower	1
4	848-D3H-65A0	• BLADE, lower	1
5	848-D3H-65B0	• BLADE, upper	1
6	T4521-11311	• SPACER	12
7	T4520-11331	• SCREW	7
8	01252-30520	• BOLT	4
9	01252-30525	• BOLT	1
10	T4531-11350	• NUT	8
11	T4543-11410	• PLATE	1
12	848-D30-66E1	• BRACKET	1
13	848-D3H-68A0	• COVER	1
64	848-D3H-91F0	LABEL	1

11. Parts list

Fig.2 CUTTING UNIT CHTZ2400 (S/N 40100101 and up)
CHTZ2400-L (S/N 40100101 and up)

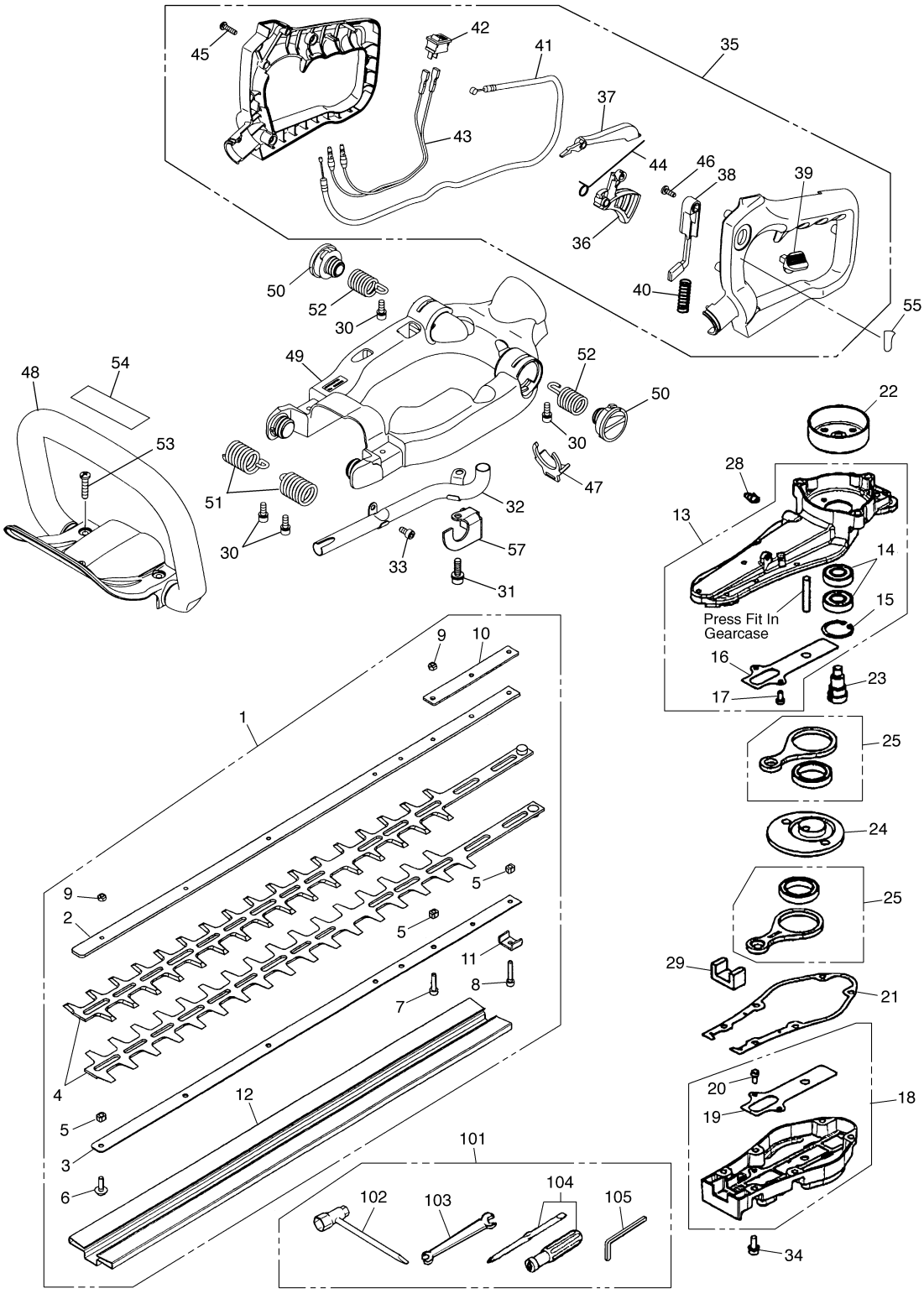


Fig.2 CUTTING UNIT CHTZ2400 (S/N 40100101 and up)
CHTZ2400-L (S/N 40100101 and up)

Key#	Part Number	Description	Q'ty
1	848-D4A-6500	BLADE ASS'Y	1
2	T4544-11110	• PLATE, upper	1
3	T4544-11120	• PLATE, lower	1
4	848-D4A-65A0	• BLADE	2
5	T4521-11311	• SPACER	8
6	T4520-11331	• SCREW	5
7	01252-30520	• BOLT	2
8	01252-30525	• BOLT	1
9	T4531-11350	• NUT	6
10	T4543-11410	• PLATE	1
11	848-D30-66E1	• BRACKET	1
12	T4544-11230	• COVER	1
13	848-D30-6111	GEARCASE COMP. upper	1
14	06004-06001	• BEARING	2
15	04065-02812	• RING	1
16	848-D30-61B0	• PLATE	1
17	T4543-42320	• BOLT	2
18	848-D30-6121	GEARCASE COMP, botom	1
19	848-D30-61B0	• PLATE	1
20	T4543-42320	• BOLT	2
21	T4543-21220	GASKET	1
22	848-D30-5111	DRUM	1
23	848-D30-62A0	GEAR, drive	1
24	T4543-42210	GEAR, driven	1
25	T4543-42100	ROD ASS'Y	2
28	3199-13350	FITTING	1
29	T4543-42410	FELT	1
30	3310-31720	BOLT	4
31	01252-30625	BOLT	3
32	848-D31-15E2	PIPE, exhaust	1
33	01252-30510	BOLT	1
34	3350-15250	BOLT	6
35	848-D4A-3300	HANDLE REAR ASS'Y	1
36	T4506-31210	• LEVER, throttle	1
37	T4506-31310	• ARM	1
38	T4506-31412	• LEVER, lock	1
39	T4506-31420	• KNOB	1
40	T4506-31430	• SPRING	1
41	848-8P0-0000	• CABLE COMP	1
42	T4506-52110	• SWITCH	1
43	T4506-52120	• CODE COMP	1
44	3356-33321	• SPRING, throttle	1
45	2630-31950	• SCREW	5
46	2630-33610	• SCREW	1
47	T4506-31511	STOPPER	1
48	848-D4A-32A1	HANDLE FRONT	1
49	T4506-41110	FRAME	1
50	T4506-41220	HOLDER	2
51	848-D4A-37A0	SPRING, front	2
52	848-D4A-37B0	SPRING, rear	2
53	2630-32610	SCREW	2
54	848-D4A-91F0	LABEL, caution	1
55	T4535-12250	LABEL	1
57	848-D4A-63A0	BRACKET	1
101	848-8U0-0010	TOOL SET	1
102	T4017-91130	• SOCKET	1
103	3540-91120	• SPANNER	1
104	1030-91340	• DRIVER	1
105	09007-00425	• WRENCH	1

CHTZ2400-L

Key#	Part Number	Description	Q'ty
1	848-D4B-6500	BLADE ASS'Y	1
2	848-D4B-66A0	• PLATE, upper	1
3	T4543-11120	• PLATE, lower	1
4	848-D4B-65A0	• BLADE	2
5	T4521-11311	• SPACER	9
6	T4520-11331	• SCREW	6
7	01252-30520	• BOLT	2
8	01252-30525	• BOLT	1
9	T4531-11350	• NUT	7
10	T4543-11410	• PLATE	1
11	848-D30-66E1	• BRACKET	1
12	848-D4B-68A0	• COVER	1
64	848-D4B-91F0	LABEL	1

11. Parts list

Fig.3 ENGINE UNIT HTZ2400/CHTZ2400 (S/N 50100000 and up)
HTZ2400-L/CHTZ2400-L (S/N 50100000 and up)

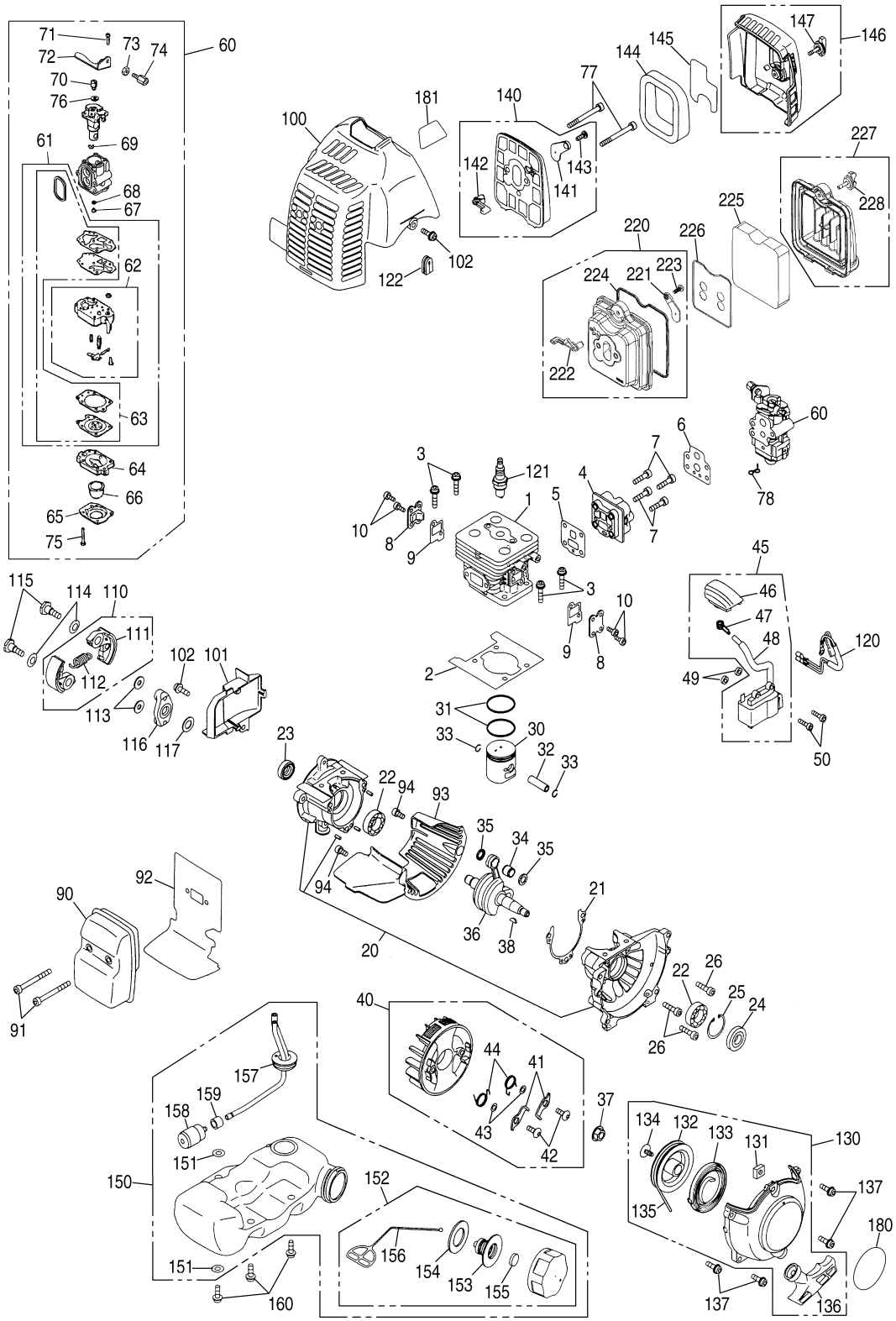


Fig.3 ENGINE UNIT HTZ2400/CHTZ2400 (S/N 50100000 and up)
HTZ2400-L/CHTZ2400-L (S/N 50100000 and up)

Key#	Part Number	Description	Q'ty
1	T1551-12110	CYLINDER	1
2	848-F01-12B0	GASKET, base	1
3	4820-12130	BOLT TORX M5XL22 T27	4
4	848-F00-14A2	INSULATOR	1
5	T1551-13121	GASKET, insu	1
6	T1551-13131	GASKET, carb	1
7	T4950-52001	BOLT TORX M5xL20 T27	4
8	T1551-16110	COVER, tr	2
9	T1551-16142	GASKET, tr	2
10	4820-16310	BOLT TORX M4xL10 T27	4
20	848-F01-2110	CRANKCASE-C	1
21	T1551-21141	GASKET, case	1
22	06030-06001	BEARING	2
23	4810-21210	SEAL	1
24	1850-21220	SEAL	1
25	04065-02812	RING	1
26	4820-13180	BOLT TORX M5xL20 T27	3
30	848-F00-41A1	PISTON	1
31	5910-41210	RING	2
32	1600-41310	PIN	1
33	1260-41320	RING	2
34	T1551-41410	BEARING	1
35	1101-41340	WASHER	2
36	848-F01-4201	CRANKSHAFT-C	1
37	1650-43230	NUT M8xP1.0	1
38	1000-43240	KEY	1
40	848-F33-7111	ROTOR-A	1
41	2841-71120	• PAWL	2
42	2850-71140	• SCREW	2
43	2850-71151	• WASHER 5x10x10	2
44	T1501-71130	• SPRING	2
45	T1551-71200	COIL-A	1
46	4810-72111	• CAP	1
47	1900-72120	• SPRING	1
48	2850-71320	• TUBE	1
49	1260-71261	SPACER	2
50	4820-72150	BOLT TORX M4xL16 T27	2
60	848-F01-8101	CARBURETOR-A	1
61	848-F60-0630	• REBUILD KIT	1
62	T1551-81450	• • BODY-A	1
63	4810-06021	• • GASKET KIT	1
64	1850-81490	• BODY	1
65	1850-81520	• COVER	1
66	1751-81510	• PUMP	1
67	848-F01-81P0	• JET	1
68	1751-81240	• O-RING	1
69	1751-81130	• RING	1
70	1881-81140	• SWIVEL	1
71	1752-81110	• SCREW	2
72	5500-81120	• BRACKET	1
73	1751-81180	• NUT	1
74	1918-81170	• SCREW	1
75	1850-81530	• SCREW	4
76	5500-81160	• WASHER	1
77	4820-15310	BOLT TORX M5xL50 T27	2
78	1950-86120	CLIP	1
90	848-F01-15A0	MUFFLER	1
91	4820-15310	BOLT TORX M5xL50 T27	2
92	848-F01-15C2	GASKET, muff	1

Key#	Part Number	Description	Q'ty
93	T1551-15220	PLATE	1
94	4820-12350	BOLT TORX M5xL10 T27	2
100	848-F01-31A1	COVER, engine	1
101	848-F01-31B1	DEFLECTOR	1
102	4820-32120	BOLT TORX	2
110	T1700-51100	SHOE-C	1
111	T1700-51110	• SHOE	2
112	T1700-51220	• SPRING	1
113	1140-51230	WASHER	2
114	1970-51241	WASHER	2
115	1140-51250	SCREW	2
116	848-F01-51G0	PLATE, clutch	1
117	2850-55211	WASHER	1
120	848-F01-7210	CORD-C	1
121	T2070-73110	SPARK PLUG Champion RZ7C	1
122	4810-72120	GROMET	1
130	848-F01-7511	RECOIL-A	1
131	5500-75110-02	• NUT	1
132	T1512-75120	• REEL	1
133	T1501-75130	• SPRING	1
134	1850-75151	• SCREW	1
135	T1501-75160	• ROPE	1
136	3330-75421	• KNOB	1
137	4820-32120	BOLT TORX	4
140	848-F01-8310	BODY-A	1
141	T1501-82130	• PLATE, choke	1
142	T1501-82140	• LEVER	1
143	2630-33610	• SCREW	1
144	848-F01-83F0	ELEMENT	1
145	T1501-82180	SCREEN	1
146	T1501-82200	COVER-A	1
147	5500-82221	• KNOB	1
150	848-F01-8501	TANK-A	1
151	T1501-85120	• PACKING	2
152	T1015-85202	• CAP-A	1
153	4500-85300	• • HOLDER-A	1
154	4500-85220	• • PACKING	1
155	5601-85260	• • FILTER	1
156	4820-85260	• • STOPPER	1
157	848-F01-8530	• PIPE-C	1
158	3302-85400	• FILTER	1
159	2841-31280	• COLLER	1
160	4820-32120	BOLT TORX	3
180	848-F01-91C0	LABEL, recoil	1
181	T1551-31130	LABEL, cover	1
220	848-F02-8310	BODY-A (OPTION)	1
221	T1512-82130	• PLATE, choke (OPTION)	1
222	T1600-82140	• LEVER (OPTION)	1
223	T1108-82190	• SCREW (OPTION)	1
224	T1513-82120	• PACKING (OPTION)	1
225	T1513-82170	ELEMENT (OPTION)	1
226	848-F02-83K0	PLATE (OPTION)	1
227	T1513-82200	COVER-A (OPTION)	1
228	T1108-82220	• KNOB (OPTION)	1

RedMax
LIMITED WARRANTY

EMISSION-RELATED PARTS, FOR TWO (2) YEARS FROM THE DATE OF ORIGINAL DELIVERY OF THE UNIT, KOMATSU ZENOAH AMERICA INC. (THE COMPANY),
THROUGH ANY RedMax DEALER, WILL REPAIR OR REPLACE, FREE OF CHARGE, FOR THE ORIGINAL AND EACH SUBSEQUENT PURCHASER, ANY PART OR PARTS FOUND TO BE DEFECTIVE IN MATERIAL AND/OR WORKMANSHIP. EMISSION-RELATED PARTS ARE:

THE CARBURETOR ASSY, COIL ASSY, ROTOR, SPARKPLUG,
AIR FILTER, FUEL FILTER, INTAKE MANIFOLD, AND THE GASKETS

ALL OTHER PARTS EXCEPT ABOVE PARTS, FOR TWO (2) YEARS OF USE, 90 DAYS FOR RENTAL USE, FROM THE DATE OF ORIGINAL PURCHASE, THE COMPANY, THROUGH ANY RedMax DEALER, WILL REPAIR OR REPLACE, FREE OF CHARGE, FOR THE ORIGINAL PURCHASER, ANY PART OF PARTS FOUND TO BE DEFECTIVE IN MATERIAL AND/OR WORKMANSHIP. **THIS IS THE EXCLUSIVE REMEDY.**

THE PURCHASER SHALL BEAR COSTS OF TRANSPORTING THE UNIT TO AND FROM THE RedMax DEALER.

THE PURCHASER SHALL NOT BE CHARGED FOR DIAGNOSTIC LABOR WHICH LEADS TO THE DETERMINATION THAT A WARRANTED PART IS DEFECTIVE, IF THE DIAGNOSTIC WORK IS PERFORMED AT THE RedMax DEALER.

THE PURCHASER OR OWNER IS RESPONSIBLE FOR THE PERFORMANCE OF THE REQUIRED MAINTENANCE AS DEFINED BY THE MANUFACTURER IN THE OWNER/OPERATOR MANUAL.

ANY WARRANTED PART WHICH IS NOT SCHEDULED FOR REPLACEMENT AS REQUIRED MAINTENANCE, OR WHICH IS SCHEDULED ONLY FOR REGULAR INSPECTION TO THE EFFECT OF "REPAIR OR REPLACE AS NECESSARY" SHALL BE WARRANTED FOR THE WARRANTY PERIOD.ANY WARRANTED PART WHICH IS SCHEDULED FOR REPLACEMENT AS REQUIRED MAINTENANCE SHALL BE WARRANTED FOR THE PERIOD OF TIME UP TO THE FIRST SCHEDULED REPLACEMNET POINT FOR THE PART.

ANY REPLACEMENT PART THAT IS EQUIVALENT IN PERFORMANCE AND DULABILITY MAY BE USED IN NON-WARRANTY MAINTENANCE OR REPAIRS, AND SHALL NOT REDUCE THE WARRANTY OBLIGATION OF THE COMPANY.

THE COMPANY IS LIABLE FOR DAMAGES TO OTHER ENGINE COMPONENTS CAUSED BY THE FAILURE OF A WARRANTED PARTS STILL UNDER WARRANTY.

THE WARRANTY DOES NOT APPLY TO THOSE UNITS WHICH HAVE BEEN DAMAGED BY NEGLIGENCE OF INSTRUCTION LISTED IN THE OWNER/OPERATOR MANUAL FOR PROPER USE AND MAINTENANCE OF THE UNITS, ACCIDENTAL MISHANDLING, ALTERATION, ABUSE, IMPROPER LUBULICATION, USE OF ANY PARTS OR ACCESSARIES OTHER THAN THOSE SPECIFIED BY THE COMPANY, OR OTHER CAUSES BEYOND THE CONPANY'S CONTROL.

THIS WARRANTY DOES NOT COVER THOSE PARTS REPLACED BY NORMAL WEAR OR HARMLESS CHANGES IN THEIR APPEARANCE.

THERE ARE NO OTHER EXPRESS WARRANTIES.

IMPLIED WARRANTIES INCLUDING THOSE OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE **ARE LIMITED** TO TWO (2) YEARS OF USE FROM THE ORIGINAL DELIVERY DATE.

LIABILITIES FOR INCIDENTAL OR CONSEQUENTIAL DAMAGE UNDER ANY AND ALL WARRANTIES ARE EXCLUDED.

SOME STATES DO NOT ALLOW LIMITATION ON HOW LONG AN IMPLIED WARRANTY LASTS OR EXCLUSION OR LIMITATION OF INCIDENTAL OR CONSEQUENTIAL DAMAGES, SO THE ABOVE LIMINATION OR EXCLUSION MAY NOT APPLY TO YOU.
THIS WARRANTY GIVES YOU SPECIFIC LEGAL RIGHTS, AND YOU MAY ALSO HAVE OTHER RIGHTS WHICH VARY FROM STATE TO STATE.
IF YOU NEED TO OBTAIN INFORMATION ABOUT THE NEAREST SERVICE CENTER, PLEASE CALL KOMATSU ZENOAH AMERICA INC. AT (770)-381-5147.

IMPORTANT: YOU WILL RECEIVE A WARRANTY REGISTRATION CARD AT TIME OF PURCHASE.PLEASE FILL OUT THE CARD AND SEND IT TO RedMax / KOMATSU ZENOA AMERICA WITHIN SEVEN (7) DAYS.BE SURE TO KEEP A COPY FOR YOUR RECORDS.

RedMax®

KOMATSU ZENOAH AMERICA INC.
4344 Shackleford Road Suite 500
Norcross, Georgia 30093

RedMax
Garantie limitée

Pièces en rapport avec les émissions de gaz d'échappement : KOMATSU ZENOAH AMERICA INC., par l'intermédiaire de n'importe quel revendeur RedMax, réparera gratuitement ou remplacera gratuitement pour l'acheteur initial et chaque acheteur successif toute(s) pièce(s) se révélant de constitution et/ou de montage défectueux pendant deux (2) ans à compter de la date initiale de livraison d'une unité. Les pièces en rapport avec les émissions de gaz d'échappement sont:

l'assemblage carburateur, l'assemblage bobine, le rotor, la bougie, le filtre à air, le filtre à carburant, la tubulure d'admission et les joints

Toutes les pièces autres que celles mentionnées ci-dessus, deux (2) ans d'utilisation, 90 jours pour la location, à compter de la date d'achat initial. La société, par l'intermédiaire d'un distributeur RedMax, réparera ou remplacera toute(s) pièce(s), sans frais et au bénéfice de l'acheteur original, en prenant en charge les frais de pièces et/ou de main d'œuvre. **Telles sont les limites de la garantie.**

Le coût du transport de l'unité jusqu'au revendeur RedMax et depuis celui-ci sera à la charge de l'acheteur.

L'acheteur ne supportera pas le coût de main d'oeuvre du diagnostic qui amène à la conclusion qu'une pièce garantie est défectueuse, si ce diagnostic est effectué chez le revendeur RedMax.

L'acheteur ou propriétaire a pour responsabilité d'effectuer l'entretien obligatoire tel que défini par le fabricant dans le manuel du propriétaire/de l'utilisateur.

Toute pièce garantie dont le remplacement n'est pas prévu dans le cadre de l'entretien obligatoire, ou pour laquelle est seulement prévue une inspection périodique pour "remplacement ou réparation si nécessaire" sera garantie pour la période de garantie. Toute pièce garantie arrivée à l'échéance de son premier remplacement prévu sera garantie jusqu'à celui-ci.

Toute pièce de rechange équivalente en performance ou en durabilité peut être utilisée pour l'entretien hors-garantie ou les réparations hors-garantie, et ce sans réduire l'obligation de garantie incombant à la société.

La société sera tenue responsable des dommages aux autres composants du moteur causés par la défaillance de pièce(s) garantie(s) en période de garantie.

La garantie ne s'applique pas aux unités endommagées par suite de: négligence dans la mise en oeuvre des instructions spécifiées dans le manuel du propriétaire/de l'utilisateur en vue d'une utilisation et d'un entretien correct, fausse manœuvre accidentelle, modification, utilisation abusive, lubrification incorrecte, utilisation de pièces ou d'accessoires autres que ceux spécifiés par la société, ou autres causes hors du contrôle de la société.

Cette garantie ne couvre pas les pièces remplacées en raison de leur usure normale ou de changements d'apparence sans effets.

Il n'existe aucune autre garantie explicite.

Les garanties implicites, y compris la valeur marchande et la valeur d'usage pour une utilisation particulière, **sont limitées** à deux (2) ans d'utilisation à compter de la date originale de livraison.

Les responsabilités pour les dommage conséquents ou incidents sont exclues de toutes les garanties.

Certaines provinces n'autorisant pas les limitations à la durée des garanties implicites, ou les exclusions ou limitations relatives aux dommages incidents ou conséquents, la limitation indiquée ci-dessus peut ne pas vous être applicable.
Cette garantie vous donne des droits juridiques spécifiques, et vous pouvez également jouir d'autres droits variant d'une province à l'autre.
Si vous désirez obtenir des informations sur le centre de service le plus proche, veuillez appeler KOMATSU ZENOAH AMERICA INC. au (770)-381-5147

Note importante: vous recevrez une carte d'enregistrement de garantie au moment de l'achat. Veuillez la remplir et l'adresser à RedMax / KOMATSU ZENOAH AMERICA sous sept (7) jours en prenant soin de conserver une copie pour vous.

RedMax®

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